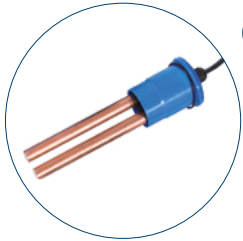


Copper Ionizer UV-C



This combination of UV-C and copper electrolysis in one disinfection system to minimize the use of chlorine.

Advantages of the Blue Lagoon Copper Ionizer UV-C

- Enables swimming without the use of chlorine
- Up to 35% more UV-C yield as a result of reflection by the stainless steel reactor
- Easy installation and maintenance
- Comes with Ø63mm to Ø50mm fittings, 1½" female threaded
- Made in the Netherlands

What is the disinfection mechanism of copper ionization?

Electrically charged copper ions (Cu²⁺) in the water search for particles of opposite polarity, such as bacteria, viruses and fungi. Positively charged copper ions form electrostatic compounds with negatively charged cell walls of microorganisms. These compounds disturb cell wall permeability and cause nutrient uptake to fail. As a result, bacteria are no longer able to multiply and eventually die. The ions remain active until they are absorbed by a microorganism.

Operation

This combination of UV-C and copper electrolysis means you can have a chlorine-free pool! With the Blue Lagoon Copper Ionizer UV-C you have to test your pool water once every two weeks. You only need to test your water values with the supplied test strips and, if necessary, adjust the device to the correct level. Other ionizer systems dose approximately 2 ppm copper in your pool water. With Blue Lagoon Copper Ionizer UV-C, a dose of 0,7 ppm will be enough to fully and safely disinfect your pool. This device is able to reduce the chlorine concentration up to 100%! Max. copper: 0,7 ppm. Connections: Ø63mm / 50mm / 1½".



Technical specifications

| | COPPER IONIZER UV-C 40 W | COPPER IONIZER UV-C 75 W |
|-------------------------------------|-----------------------------|-----------------------------|
| Item code | BH04402 | BH04752 |
| Type | 40.000 / 40 W | 75.000 / 75 W |
| EAN | 8714404034241 | 8714404036689 |
| Rec. flow for 30 mJ/cm ² | 11 m ³ /h | 16 m ³ /h |
| Max. pressure | 2 bar | 2 bar |
| Max. flow | 23 m ³ /h | 23 m ³ /h |
| Diameter unit Ø | 70 mm | 70 mm |
| Length unit | 100 cm | 100 cm |
| Diameter in-outlet Ø | 63mm / 50mm / 1½" | 63mm / 50mm / 1½" |
| Housing material | 316L | 316L |
| Electronic ballast | 230 V AC 50 Hz | 230 V AC 50 Hz |
| Lamp power | 40 W | 75 W |
| Lamp | Blue Lagoon T5 40 W Ionizer | Blue Lagoon T5 75 W Ionizer |
| Lifespan lamp | 9.000 h | 9.000 h |
| Copper ionizer | 0,7 ppm | 0,7 ppm |
| Replace lamp alert | ✓ | ✓ |
| Weight | 5,0 Kg | 5,2 Kg |
| Quantity full pallet | 24 pcs | 24 pcs |